UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

24972

7590

11/22/2005

FULBRIGHT & JAWORSKI, LLP 666 FIFTH AVE NEW YORK, NY 10103-3198 EXAMINER

DOUGHERTY, THOMAS M

ART UNIT PAPER NUMBER

2834

DATE MAILED: 11/22/2005

APPLICATION NO.	ON NO. FILING DATE FIRST NAMED INVES		ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/075,558	02/13/2002	Reiner Bindig	NY-CERA 237-US	8412

TITLE OF INVENTION: PIEZOCERAMIC MULTILAYER ACTUATOR WITH A TRANSITION REGION BETWEEN THE ACTIVE REGION AND THE INACTIVE HEAD AND FOOT REGIONS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	02/22/2006

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

(571) 273-2885 or Fax

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

maintenance fee notification	ns.			<u> </u>	s; and/or (b) indicating a sepa		
	CE ADDRESS (Note: Use Block 1 for 590 11/22/2005	any change of address)		Fee(s) Transmittal. T papers, Each addition	f mailing can only be used for his certificate cannot be used to hal paper, such as an assignment te of mailing or transmission.	for any other accompanying	
	JAWORSKI, LLP				, and the second		
666 FIFTH AVE NEW YORK, NY	·			I hereby certify that the States Postal Service addressed to the Matransmitted to the US	ertificate of Mailing or Trans this Fee(s) Transmittal is bein, with sufficient postage for fir uil Stop ISSUE FEE address PTO (571) 273-2885, on the c	smission g deposited with the United st class mail in an envelope above, or being facsimile late indicated below.	
						(Depositor's name)	
					1/2	(Signature)	
						(Date)	
APPLICATION NO.	FILING DATE	FI	IRST NAMED INVEN	TOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/075,558	02/13/2002		Reiner Bindig		NY-CERA 237-US	8412	
HEAD AND FOOT REGIO		ATER ACTUATOR	WITH A TRANSI	TION REGION BET	WEEN THE ACTIVE REGI	ON AND THE INACTIVE	
APPLN. TYPE	SMALL ENTITY	ISSUE FEE	B PU	BLICATION FEE	TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	NO	\$1400		\$300	\$1700	02/22/2006	
EXAM	MINER	ART UNIT	CL.	ASS-SUBCLASS]		
DOUGHERTY	Y, THOMAS M	2834		310-328000			
1. Change of correspondence CFR 1.363).	e address or indication of "Fe	ee Address" (37		he patent front page, l	•		
Change of correspond Address form PTO/SB/1			or agents OR, alter	ingle firm (having as	a member a 2		
"Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Custome Number is required.			registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.				
	RESIDENCE DATA TO B		_				
PLEASE NOTE: Unless recordation as set forth in	s an assignee is identified be 137 CFR 3.11. Completion	elow, no assignee da of this form is NOT	ata will appear on th a substitute for filing	ie patent. If an assig gan assignment.	nee is identified below, the d	locument has been filed for	
(A) NAME OF ASSIGN	EE	(B)	RESIDENCE: (CIT	Y and STATE OR CO	OUNTRY)		
Please check the appropriate	e assignee category or catego enclosed:	ries (will not be prin	ted on the patent):	☐ Individual ☐ (Corporation or other private gr	oup entity Government	
4a. The following fee(s) are Issue Fee	enclosed:	_	4b. Payment of Fee(s): A check in the amount of the fee(s) is enclosed.				
	small entity discount permitte		Payment by credit card. Form PTO-2038 is attached.				
Advance Order - # of Copies			The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).				
	(from status indicated above MALL ENTITY status. See	·	b. Applicant is no	longer claiming SMA	ALL ENTITY status. See 37 C	FR 1.27(g)(2).	
The Director of the USPTO NOTE: The Issue Fee and P interest as shown by the reco	is requested to apply the Issu tublication Fee (if required) v ords of the United States Pate	ne Fee and Publication vill not be accepted in mt and Trademark O	on Fee (if any) or to a from anyone other the Office.	re-apply any previous an the applicant; a reg	sly paid issue fee to the applica gistered attorney or agent; or the	ation identified above. he assignee or other party in	
Authorized Signature			Date				
Typed or printed name _			Registration No.				
This collection of informatic an application. Confidential submitting the completed at this form and/or suggestions Box 1450, Alexandria, Virg Alexandria, Virginia 22313	ity is governed by 35 U.S.C. oplication form to the USPT of reducing this burden, shina 22313-1450. DO NOT	11. The information 122 and 37 CFR 1. O. Time will vary d lould be sent to the C SEND FEES OR CC	is required to obtain 14. This collection is epending upon the i Chief Information O DMPLETED FORM	or retain a benefit by s estimated to take 12 ndividual case. Any officer, U.S. Patent and S TO THIS ADDRES	the public which is to file (an minutes to complete, includir comments on the amount of ti 1 Trademark Office, U.S. Dep S. SEND TO: Commissioner	d by the USPTO to process) ng gathering, preparing, and me you require to complete artment of Commerce, P.O. for Patents, P.O. Box 1450	

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTOL-85 (Rev. 07/05) Approved for use through 04/30/2007.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/075,558 02/13/2002		Reiner Bindig	NY-CERA 237-US	8412	
24972	7590 11/22/2005		EXAM	INER	
FULBRIGHT & JAWORSKI, LLP 666 FIFTH AVE			DOUGHERTY, THOMAS M		
NEW YORK, NY 10103-3198		ART UNIT	PAPER NUMBER		
			2834		
			DATE MAILED: 11/22/2005	5	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 534 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 534 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.